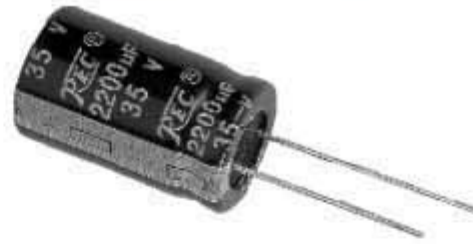


# SR ROHS SERIES

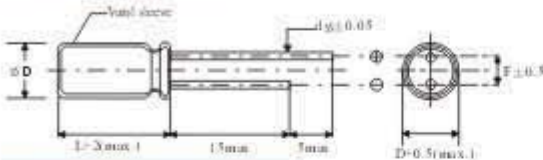
# REC

## FEATURES

- Load life of 2000 hours at 85°C.
- High value of CV range.
- Standard series for general purpose.
- Applications for TV, Video, audio, office, home appliance etc.



## DIMENSIONS



	m/m									
D	5	6.3	8	10	13	16	18	20	23	25
F	2.0	2.5	3.5	5.0	7.5	10.5	12.5			
d	0.5		0.6			0.8				1.0

## SPECIFICATIONS

Item	Characteristics															
Operation Temperature	-40 ~ +85°C							-25 ~ +85°C								
Rated Working Voltage Range	6.3 ~ 100VDC							160 ~ 450VDC								
Capacitance Tolerance (120Hz, 25°C)	± 20% (M)															
Leakage Current (25°C)	6.3 ~ 100VDC							160 ~ 450VDC								
	I ≤ 0.01CV or 3 (µA)							I ≤ 0.03CV + 10 (µA)								
	I: Leakage Current (µA) C: Rated Capacitance (µF) V: Working Voltage (V)															
Surge Voltage (25°C)	(After 2 minutes applying the DC working voltage)							(After 5 minutes applying the DC working voltage)								
	WV	6.3	10	16	25	35	40	50	63	100	160	200	250	350	400	450
SV	8	13	20	32	44	50	63	79	125	200	250	300	400	450	500	
Dissipation Factor (120Hz, 25°C) (tan δ)	WV	6.3	10	16	25	35	40	50	63	100	160	200	250	350	400	450
	tan δ	0.25	0.20	0.17	0.15	0.12	0.12	0.10	0.10	0.10	0.15	0.15	0.15	0.20	0.20	0.20
Temperature Characteristics	For capacitance exceeding 1000 µF, add 0.02 per increment of 1000 µF															
	WV	6.3	10	16	25	35	40	50	63	100	160	200	250	350	400	450
	-25°C/+25°C	4	4	3	3	2	2	2	2	2	3	3	3	6	6	6
-40°C/+25°C	10	8	6	4	3	3	3	3	3	4	4	4	6	6	6	
Load Test	Impedance ratio at 120Hz															
	After 2000 hours application of WV at +85°C the capacitor shall meet the following limits															
	Capacitance Change	≤ ± 20% of initial value														
	tan δ	≤ 150% of initial specified value														
Shelf Test	Leakage Current															
	After 1000 hours, no voltage applied at +85°C the capacitor shall meet the following limits															
	Capacitance Change	≤ ± 20% of initial value														
	tan δ	≤ 150% of initial specified value														
Leakage Current																
≤ 200% of initial specified value																

19

## ROHS ALUMINIUM ELECTROLYTIC CAPACITOR

# REC

## DIMENSIONS